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na	4,466,704	8/21/84	Schuler et al.		-		
na	4,770,500	9/13/88	Kalmanash et al.	_			
neu	4,837,817	6/6/89	Maemori	~			
men	5,235,449	8/10/93	Imazeki et al.	_			
May	5,666,223	9/9/97	Bennett et al.				
Men	5,672,296	9/30/97	Shen et al.				
nen	5,751,389	5/12/98	Andreatta et al.				
neu	5,751,483	5/12/98	Itoh et al.				
ma x	5,768,370	6/16/98	Maatta et al.	-			
Mar	5,861,931	1/19/99	Gillian et al.	~			
na	5,891,297	4/6/99	Stadtmueller		ļ		
nou	6,147,937	11/14/00	Arikawa et al.	—			
Mal	·6,227,276 B1	5/8/01	Kim et al.				
	FO	REIGN PATE	NT DOCUMENTS				
	Document Number	Date of Publication	Country	Class	SubClass	Trans	slation
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neu	WO 96/16015	5/30/96	PCT	_			
mar.	♦ WO 96/37806	11/28/96	PCT				
man	WO 98/52077	11/19/98	PCT				
man	WO 00/03380	1/20/00	PCT				
men >	WO 00/22463	4/20/00	PCT				
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neu	¥ WO 01/31371 A		PCT		<u> </u>		L
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INFORMATION DISCLOSURE	Filing Date	June 20, 2001	- 6 g
STATEMENT BY APPLICANT	First Named Inventor	Kotchik, Kelth M.	1 29
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MCM	A1	US- 6,245,399	06/12/01	Sahouani et al.	Figures Appear
	A2	US-			
	А3	US-			
	A4	US-			
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	A6	US-			
	A7	US-			ECEIVED
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	Foreign Patent Documents							
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STATEMENT BY APPLICANT	First Named Inventor	Kotchick, Keith M.
OF	Art Unit	2643-2642
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	Foreign Patent Documents							
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ma	B1	JP	54116898*	09/11/79				
nou	B2	JP	02264218*	10/29/90				
Mar	В3	JР	03061993*	03/18/91			-	
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Application Number	09/885032 June 20, 2001					
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Information Disclosure Statement — PTO-1449 (Modified)

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